

**Amendments to Abstract:**

ABSTRACT

The present invention relates to a method for analyzing a liquid sample by injection of the latter into a reaction loop coupled with illumination means and detection means, which comprises the following steps:

- filling a reaction loop (42) with a minimum volume of the sample to be analyzed, this reaction loop forming a transparent pipe with which detection means are coupled,
- injecting a fixed volume of at least one reagent into the reaction loop (42),
- detecting levels of filtered light by these detection means (44),
- discharging reagents located in the reaction loop (42).

The present invention also relates to a system for analyzing a liquid sample.

Fig. 4a

REPLACEMENT PAGE

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- injecting a fixed volume of at least one reagent into the reaction loop,
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The present invention also relates to a system for analyzing a liquid sample.